

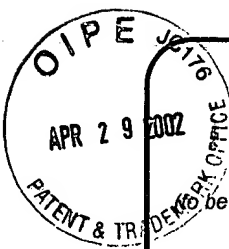
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PTO/SB/21 (08-00)

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TRANSMITTAL FORM

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Application Number	09/925,009		
	Filing Date	August 9, 2001	
	First Named Inventor	Victor VERBINSKI, et al.	
	Group Art Unit	2878	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	7	Attorney Docket Number	SAIC0055-C-CIP-C

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Substitute Declaration (6 pp.)
Remarks		

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	George T. Marcou, Kilpatrick Stockton LLP, 607 14 th Street, N.W., Suite 900, Washington, DC 20005 (Reg. No. 33,514)
Signature	
Date	11/30/01

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**SUPPLEMENTAL
DECLARATION FOR UTILITY
OR DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Attorney Docket Number	SAIC0055-C-CIP-C
First Named Inventor	Victor V. VERBINSKI, et al
COMPLETE IF KNOWN	
Application Number	09/ 925,009
Filing Date	August 9, 2001
Group Art Unit	2878
Examiner Name	Not Yet Assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DENSITY DETECTION USING REAL TIME DISCRETE PHOTON COUNTING FOR FAST MOVING TARGETS

the specification of which (Title of the Invention)

☐ is attached hereto.

OR

☒ was filed on (MM/DD/YYYY) 08/09/2001 as United States Application Number or PCT International

Application Number 09/925,009 and was amended on (MM/DD/YYYY) 08/09/2001 (if applicable).

I hereby declare that the subject matter of the ☐ attached amendment ☐ amendment filed on was part of my or our invention and was invented before the filing date of the original application, above identified for such invention.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the natural or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B is attached hereto
09/398,547	9/17/99	

[Page 1 of 2]



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SUPPLEMENTAL DECLARATION – UTILITY OR DESIGN PATENT APPLICATION

Direct all correspondence to: <input type="checkbox"/> Customer Number or Bar Code Label		OR <input checked="" type="checkbox"/> Correspondance address below	
Name	George T. Marcou		
Address	Kilpatrick Stockton LLP		
Address	607 14 th Street, NW, Suite 900		
City	State	ZIP	
Washington	DC	20005	
Country	Telephone	Fax	
USA	202 508 5800	202 508 5858	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name	Family Name VERBINSKI		
Victor	or Surname		
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
La Jolla	CA	USA	USA
Mailing Address 8871 Cliffridge Avenue, La Jolla, CA 92121			
Mailing Address 8871 Cliffridge Avenue, La Jolla, CA 92121			
City	State	ZIP	Country
La Jolla	CA	92121	USA
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name	Family Name SMITH		
Scott	or Surname		
Inventor's Signature	Date		
Residence: City	State	Country	Citizenship
San Diego	CA	USA	USA
Mailing Address 5345 Northridge Avenue, San Diego, CA 92117			
Mailing Address 5345 Northridge Avenue, San Diego, CA 92117			
City	State	ZIP	Country
San Diego	CA	92117	USA
<input checked="" type="checkbox"/> Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.			

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**DECLARATION**
ADDITIONAL INVENTOR(S)
Supplemental Sheet
 Page 3 of 3

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Kenneth		Valentine (Deceased) Judith Maxwell, Administrator for the Deceased	
Inventor's Signature <i>Judith Maxwell, Administrator</i>		Date <i>11-19-2001</i>	
Residence: City	Glen Ellen	State	CA
Country	USA	Citizenship	USA
Mailing Address P. O. Box 151, Glen Ellen, CA 95442			
Mailing Address P. O. Box 151, Glen Ellen, CA 95442			
City	Glen Ellen	State	CA
ZIP	95442	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Jeffrey		Adams	
Inventor's Signature		Date	
Residence: City	San Marcos	State	CA
Country	USA	Citizenship	USA
Mailing Address 1280 Rock Springs Road, San Marcos, CA 92069			
Mailing Address 1280 Rock Springs Road, San Marcos, CA 92069			
City	San Marcos	State	CA
Zip	92069	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Ryan		Shyffer	
Inventor's Signature		Date	
Residence: City	San Diego	State	CA
Country	USA	Citizenship	USA
Mailing Address 8624 Lepus Road, San Diego, CA 92126			
Mailing Address 8624 Lepus Road, San Diego, CA 92126			
City	San Diego	State	CA
Zip	92126	Country	USA

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**SUPPLEMENTAL
DECLARATION FOR UTILITY
OR DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Attorney Docket Number SAIC0055-C-CIP-C

First Named Inventor Victor V. VERBINSKI, et al

COMPLETE IF KNOWN

Application Number 09/ 925,009

Filing Date August 9, 2001

Group Art Unit 2878

Examiner Name Not Yet Assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DENSITY DETECTION USING REAL TIME DISCRETE PHOTON COUNTING FOR FAST MOVING TARGETS

the specification of which (Title of the Invention)

☐ is attached hereto.

OR

☒ was filed on (MM/DD/YYYY) 08/09/2001 as United States Application Number or PCT International

Application Number 09/925,009 and was amended on (MM/DD/YYYY) 08/09/2001 (if applicable).

I hereby declare that the subject matter of the ☐ attached amendment ☐ amendment filed on was part of my or our invention and was invented before the filing date of the original application, above identified for such invention.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

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I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B is attached hereto
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Name	George T. Marcou		
Address	Kilpatrick Stockton LLP		
Address	607 14 th Street, NW, Suite 900		
City	State	ZIP	
Washington	DC	20005	
Country	Telephone	Fax	
USA	202 508 5800	202 508 5858	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:	<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name	Family Name VERBINSKI
Victor	or Surname

Inventor's Signature	<i>Victor V. Verbinski</i>			Date
Residence: City	State	Country	Citizenship	
La Jolla	CA	USA	USA	
Mailing Address 8871 Cliffridge Avenue, La Jolla, CA 92121				
Mailing Address 8871 Cliffridge Avenue, La Jolla, CA 92121				
City	State	ZIP	Country	
La Jolla	CA	92121	USA	

NAME OF SECOND INVENTOR:	<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name	Family Name SMITH
Scott	or Surname

Inventor's Signature	<i>Scott Smith</i>			Date
			11/14/01	
Residence: City	State	Country	Citizenship	
San Diego	CA	USA	USA	

Mailing Address 5345 Northridge Avenue, San Diego, CA 92121 13909 Barrymore St. San Diego, CA 92129				
Mailing Address 5345 Northridge Avenue, San Diego, CA 92121 13909 Barrymore St. San Diego, CA 92129				
City	State	ZIP	Country	
San Di go	CA	92129	USA	

☒ Additional Inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

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DECLARATION
ADDITIONAL INVENTOR(S)
Supplemental Sheet
 Page 3 of 3

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Kenneth		Valentine (Deceased) Judith Maxwell, Administrator for the Deceased	
Inventor's Signature		Date	
Residence: City	Glen Ellen	State	CA
Country	USA	Citizenship	USA
Mailing Address P. O. Box 151, Glen Ellen, CA 95442			
Mailing Address P. O. Box 151, Glen Ellen, CA 95442			
City	Glen Ellen	State	CA
ZIP	95442	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jeffrey		Adams	
Inventor's Signature		Date	
Residence: City	San Marcos	State	CA
Country	USA	Citizenship	USA
Mailing Address 1280 Rock Springs Road, San Marcos, CA 92069			
Mailing Address 1280 Rock Springs Road, San Marcos, CA 92069			
City	San Marcos	State	CA
Zip	92069	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Ryan		Shyffer	
Inventor's Signature		Date	
Residence: City	San Diego	State	CA
Country	USA	Citizenship	USA
Mailing Address 8624 Lepus Road, San Diego, CA 92126			
Mailing Address 8624 Lepus Road, San Diego, CA 92126			
City	San Diego	State	CA
Zip	92126	Country	USA

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